

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044475.D
 Acq On : 23 Dec 2024 13:21
 Operator : JC/MD
 Sample : P5317-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20241217

Quant Time: Dec 23 21:55:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

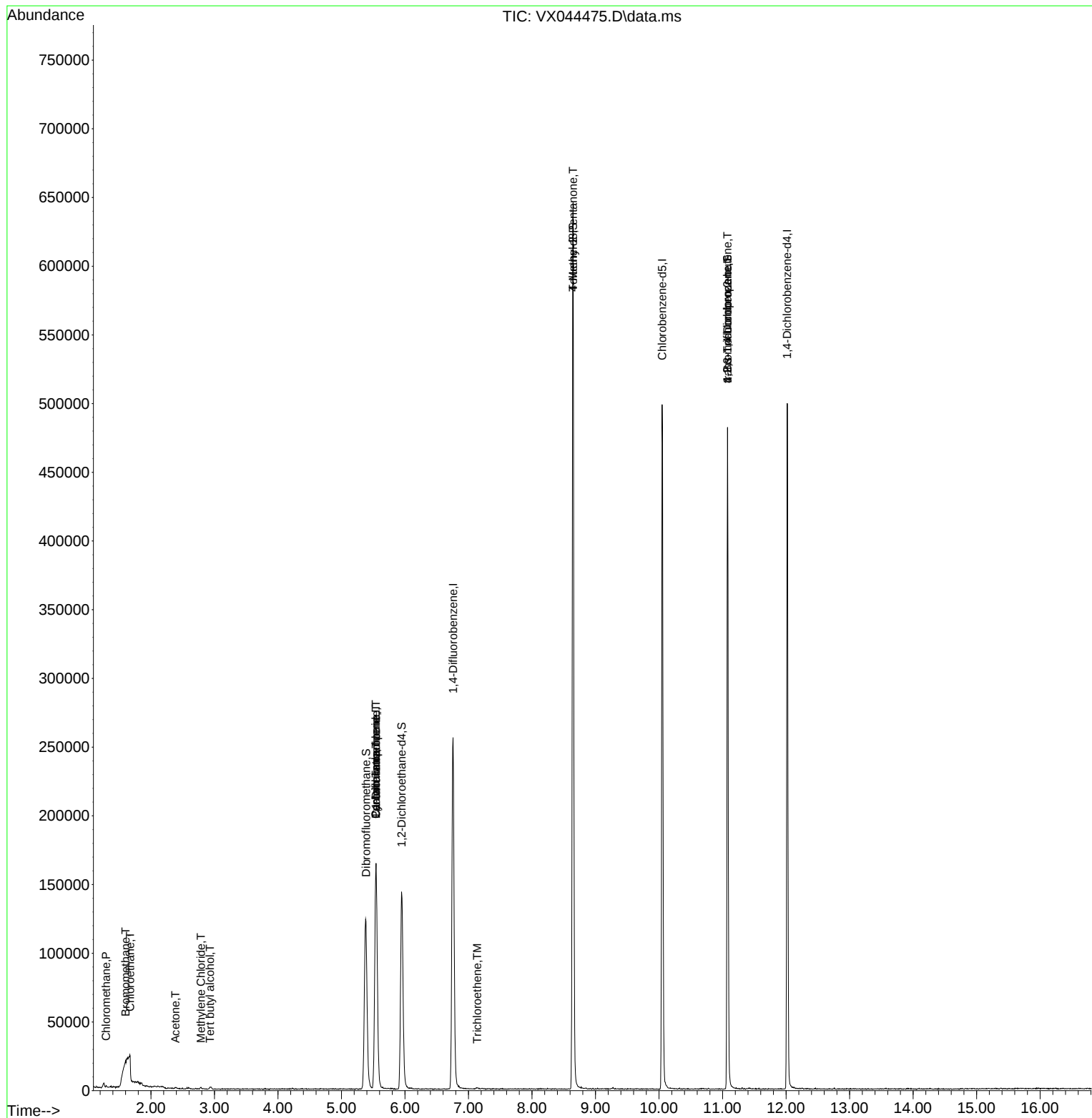
Internal Standards						
1) Pentafluorobenzene	5.544	168	154378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	267929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	228380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	138432	51.143	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.280%	
35) Dibromofluoromethane	5.385	113	106692	57.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.000%	
50) Toluene-d8	8.647	98	389462	62.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 124.420%#	
62) 4-Bromofluorobenzene	11.079	95	124939	57.114	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	781	0.342	ug/l	89
5) Bromomethane	1.599	94	461	0.273	ug/l #	64
6) Chloroethane	1.672	64	437	0.295	ug/l #	41
11) Tert butyl alcohol	2.928	59	454	1.190	ug/l #	71
16) Acetone	2.386	43	1117	1.012	ug/l #	83
20) Methylene Chloride	2.788	84	524	0.253	ug/l #	83
31) Cyclohexane	5.544	56	3884	1.330	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	13239	5.519	ug/l #	50
38) Carbon Tetrachloride	5.544	117	16161	6.258	ug/l #	18
44) Trichloroethene	7.135	130	502	0.276	ug/l	50
51) 4-Methyl-2-Pentanone	8.647	43	2077	0.697	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	65628	29.281	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	65628	80.121	ug/l #	4

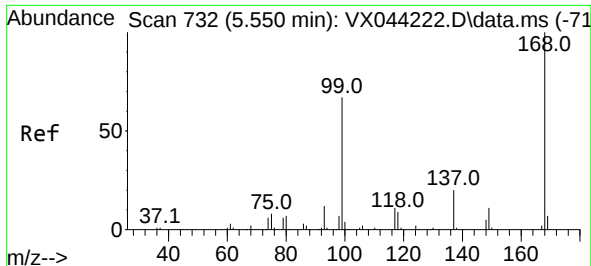
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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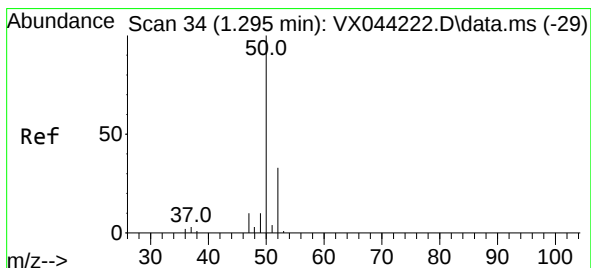
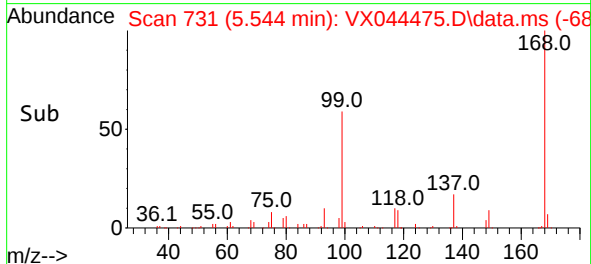
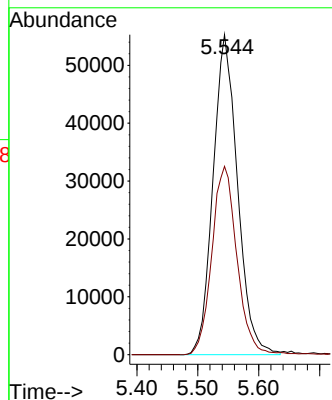
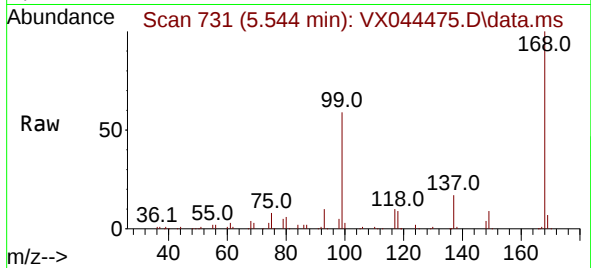




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

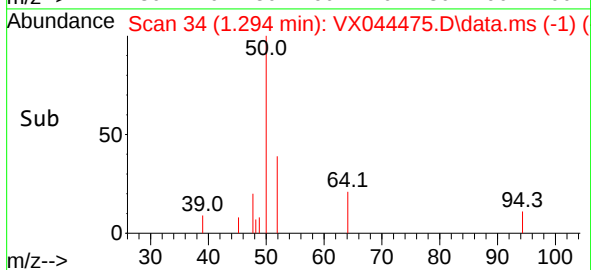
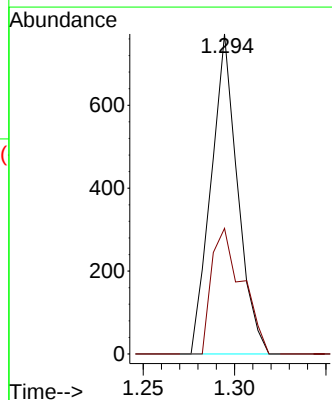
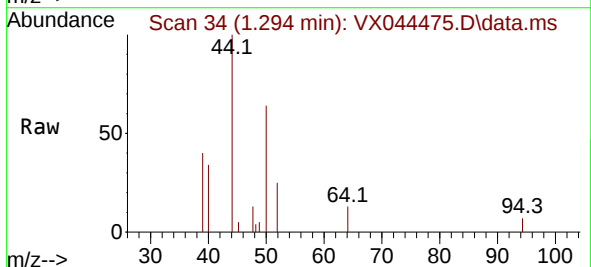
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20241217

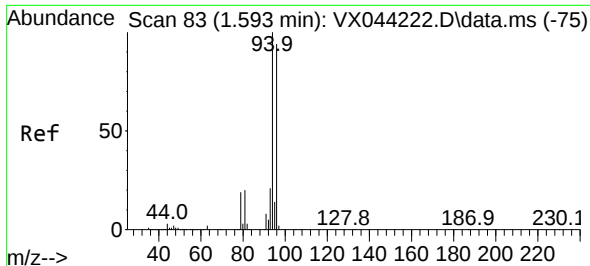
Tgt Ion:168 Resp: 154378
Ion Ratio Lower Upper
168 100
99 58.9 53.4 80.0



#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

Tgt Ion: 50 Resp: 781
Ion Ratio Lower Upper
50 100
52 39.2 26.5 39.7

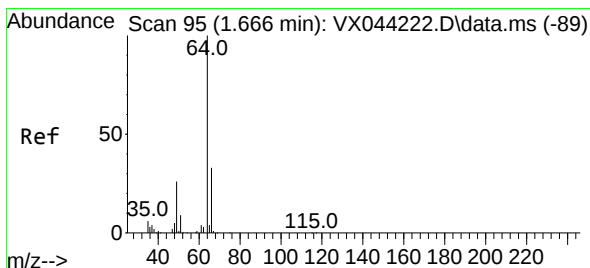
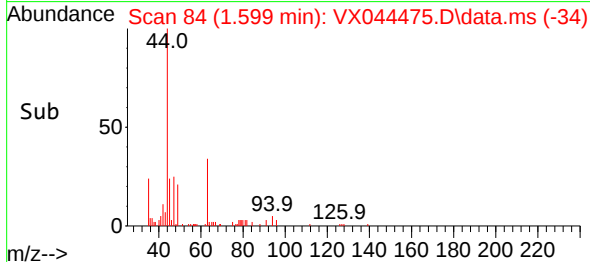
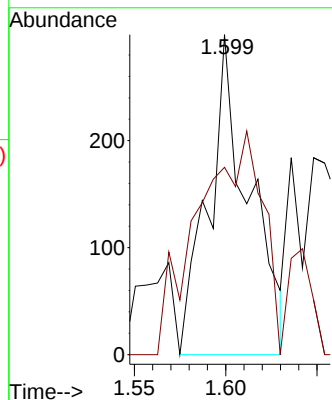
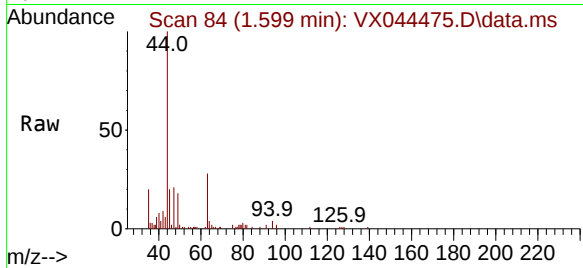




#5
Bromomethane
Concen: 0.273 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

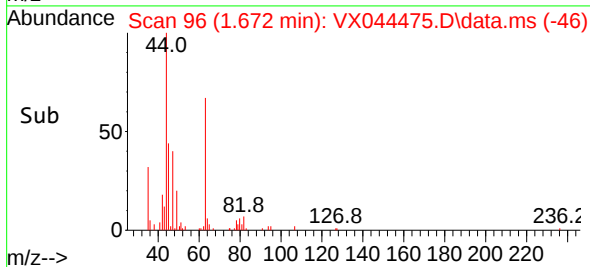
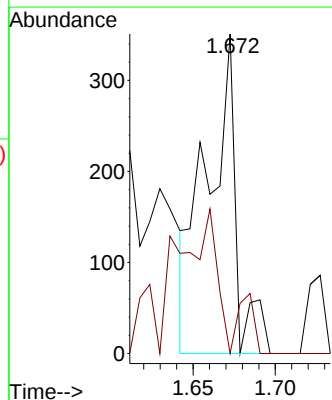
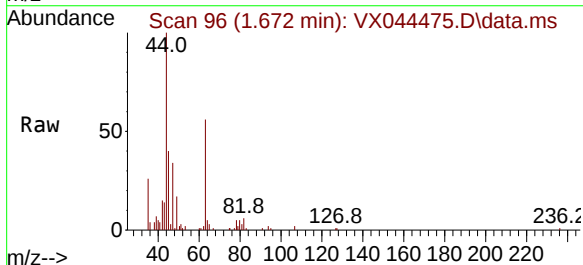
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20241217

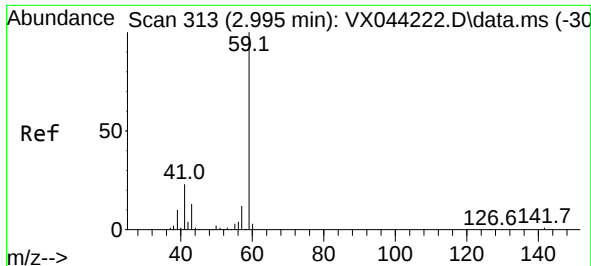
Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 58.5 74.9 112.3#



#6
Chloroethane
Concen: 0.295 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

Tgt Ion: 64 Resp: 437
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 1.190 ug/l

RT: 2.928 min Scan# 30

Delta R.T. -0.067 min

Lab File: VX044475.D

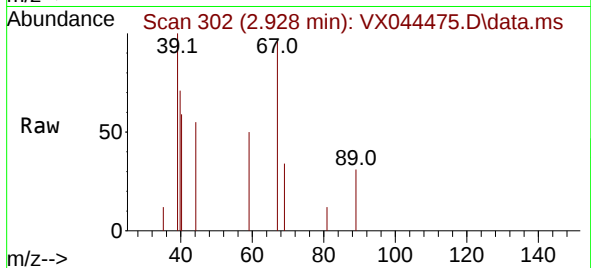
Acq: 23 Dec 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D2-20241217

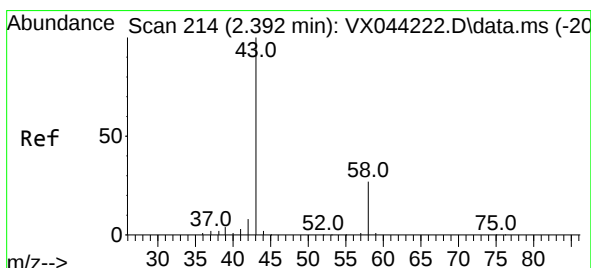
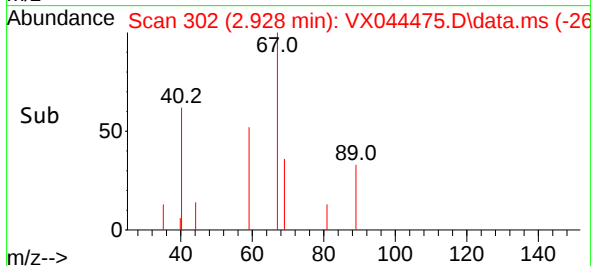
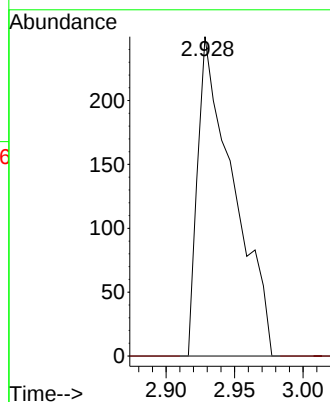


Tgt Ion: 59 Resp: 454

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 1.012 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044475.D

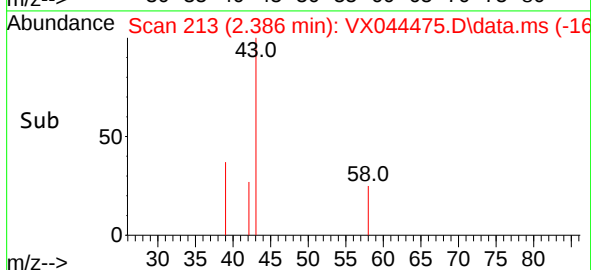
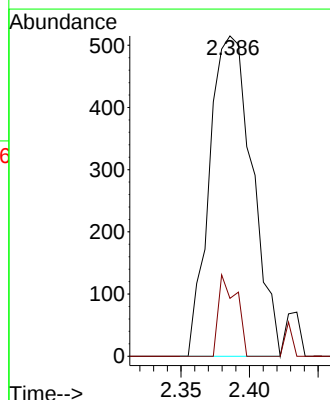
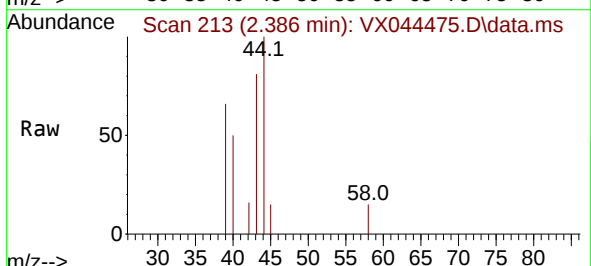
Acq: 23 Dec 2024 13:21

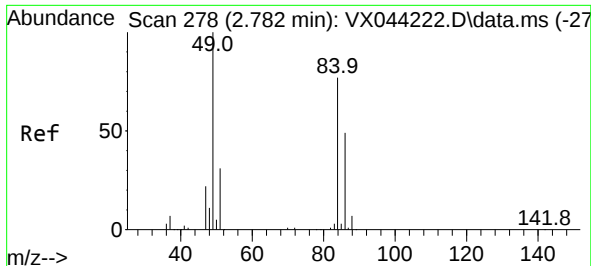
Tgt Ion: 43 Resp: 1117

Ion Ratio Lower Upper

43 100

58 18.1 21.6 32.4#

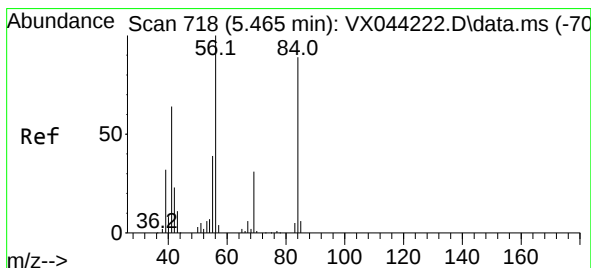
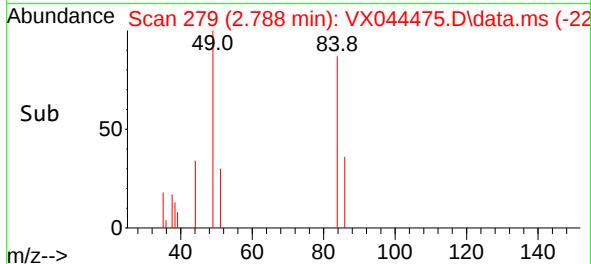
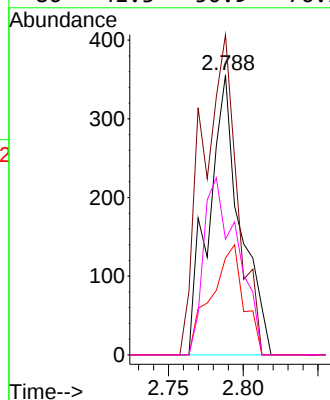
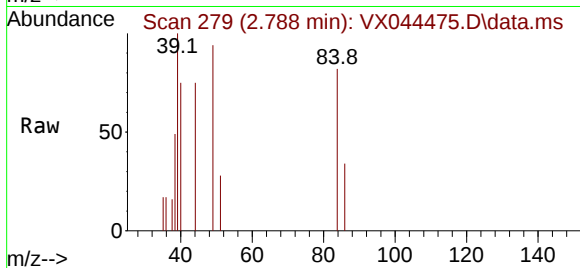




#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

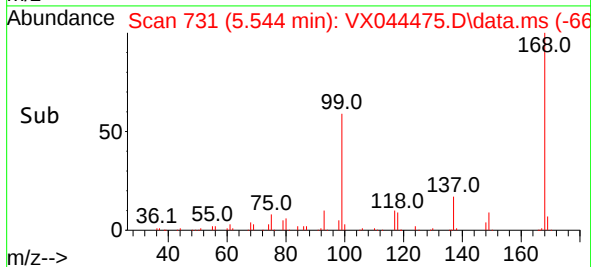
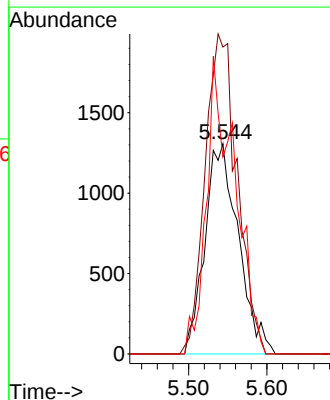
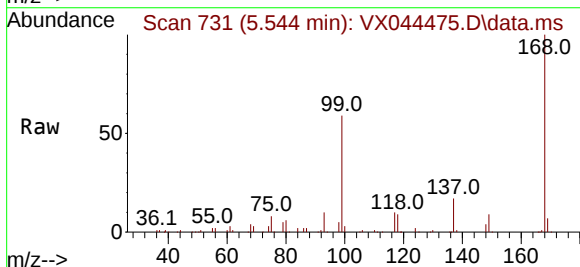
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20241217

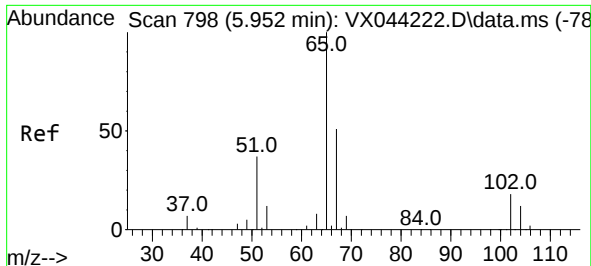
Tgt Ion:	84	Resp:	524
Ion	Ratio	Lower	Upper
84	100		
49	114.3	104.2	156.4
51	34.6	32.2	48.4
86	41.3	50.9	76.3



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

Tgt Ion:	56	Resp:	3884
Ion	Ratio	Lower	Upper
56	100		
69	146.0	24.7	37.1
84	93.8	71.0	106.6





#33

1,2-Dichloroethane-d4

Concen: 51.143 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044475.D

Acq: 23 Dec 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

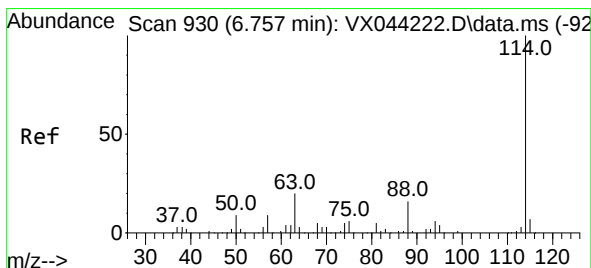
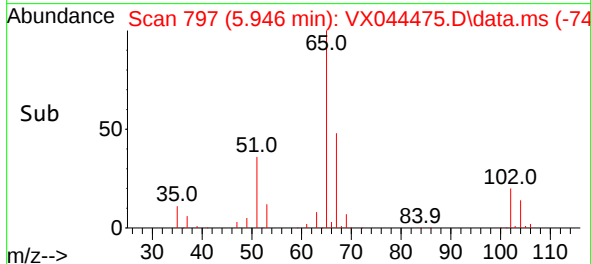
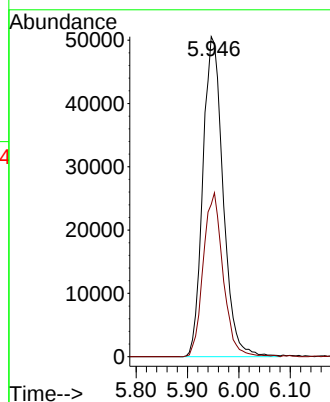
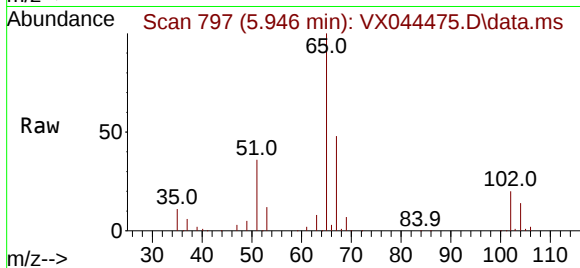
RW8-MW01D2-20241217

Tgt Ion: 65 Resp: 138432

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044475.D

Acq: 23 Dec 2024 13:21

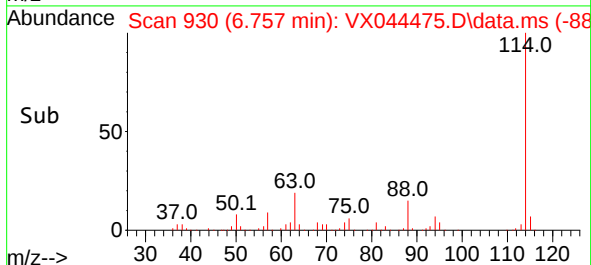
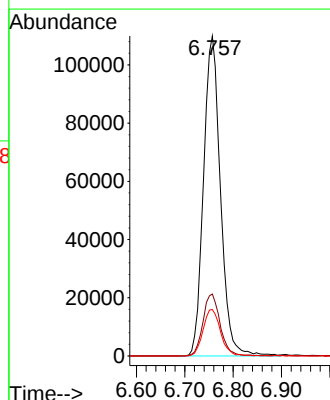
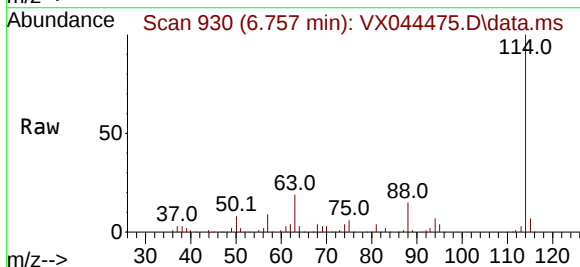
Tgt Ion: 114 Resp: 267929

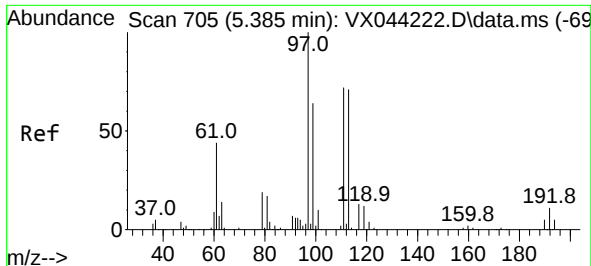
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

88 14.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 57.496 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044475.D

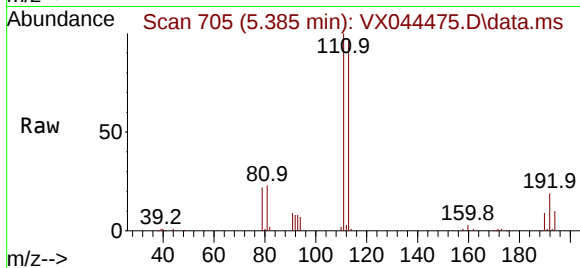
Acq: 23 Dec 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D2-20241217



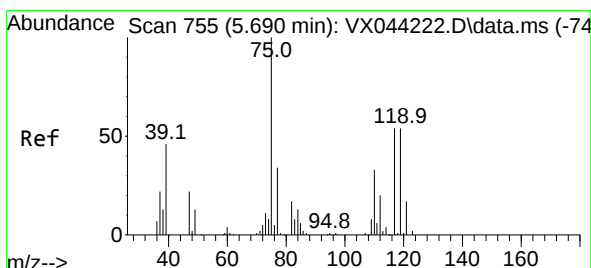
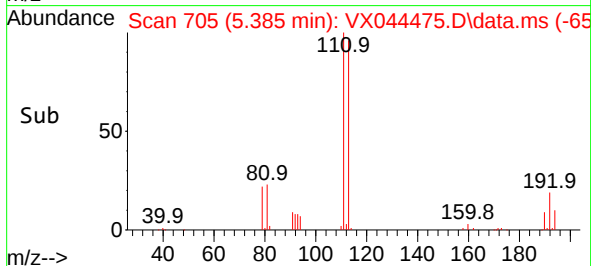
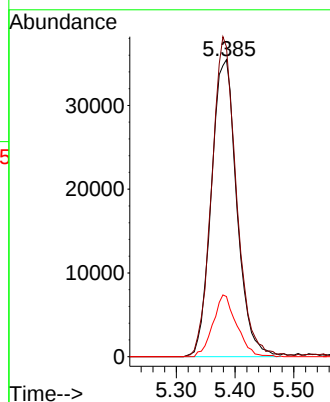
Tgt Ion:113 Resp: 106692

Ion Ratio Lower Upper

113 100

111 104.4 80.4 120.6

192 19.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.519 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044475.D

Acq: 23 Dec 2024 13:21

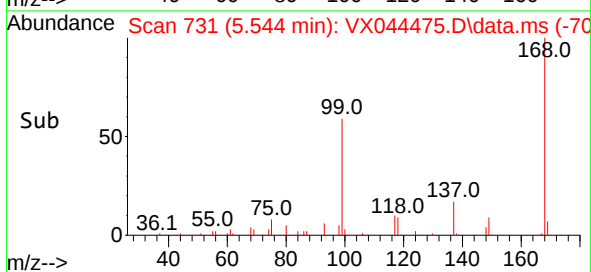
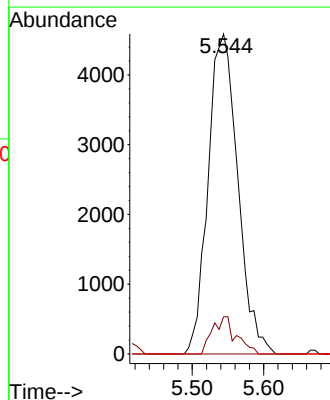
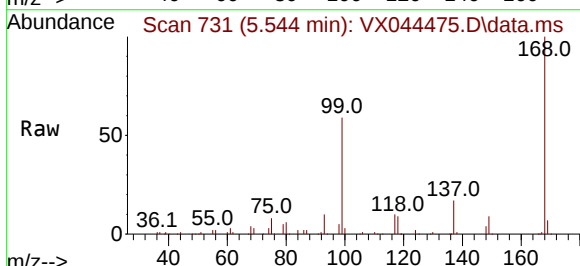
Tgt Ion: 75 Resp: 13239

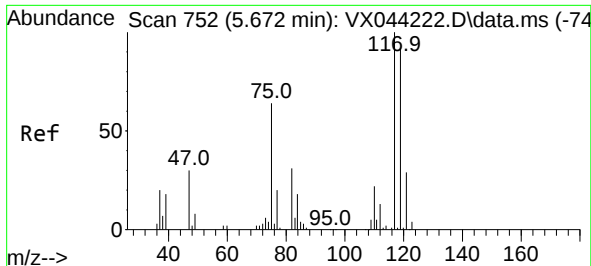
Ion Ratio Lower Upper

75 100

110 9.3 17.3 51.7#

77 0.0 25.4 38.0#

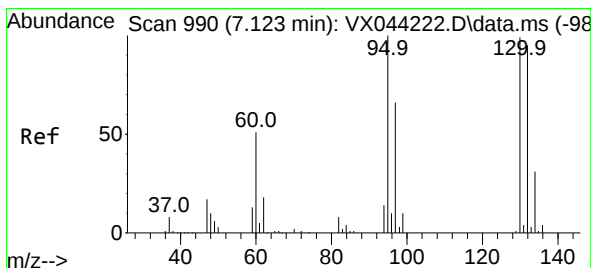
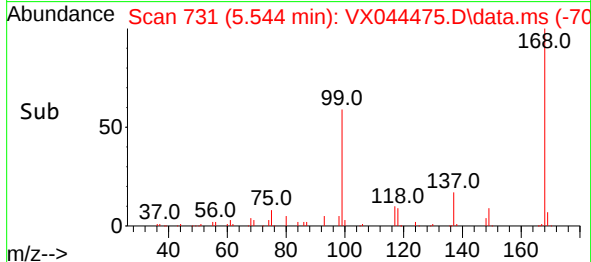
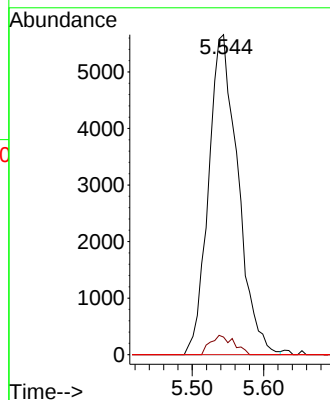
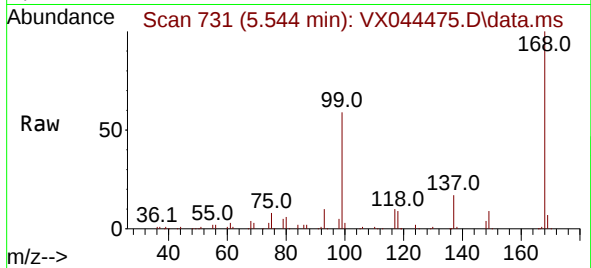




#38
Carbon Tetrachloride
Concen: 6.258 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

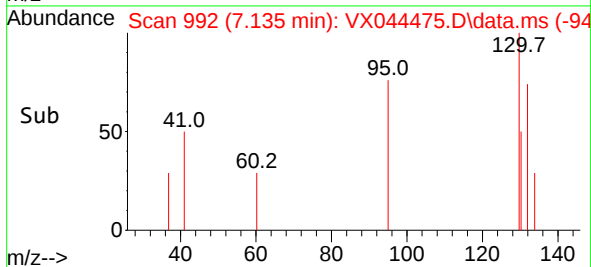
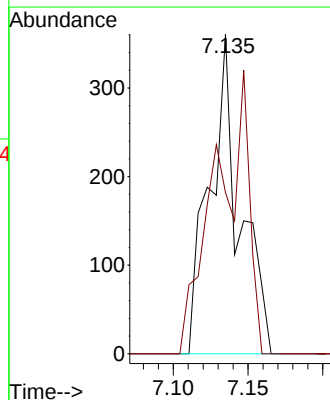
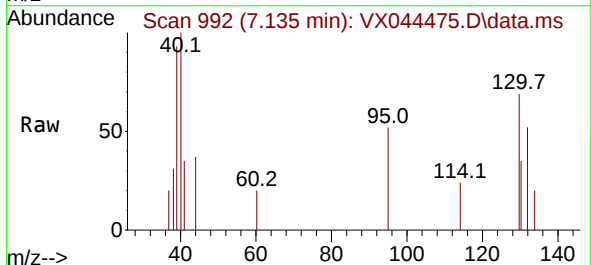
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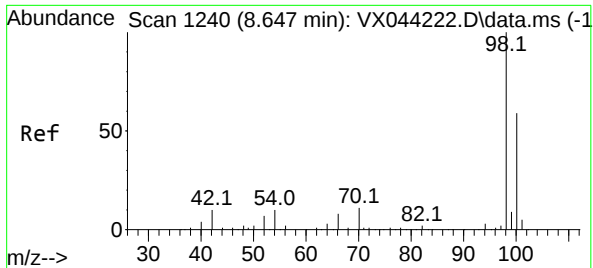
Tgt Ion:117 Resp: 16161
Ion Ratio Lower Upper
117 100
119 5.5 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 0.276 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

Tgt Ion:130 Resp: 502
Ion Ratio Lower Upper
130 100
95 50.4 0.0 201.4

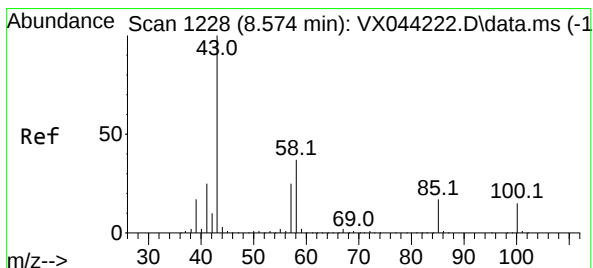
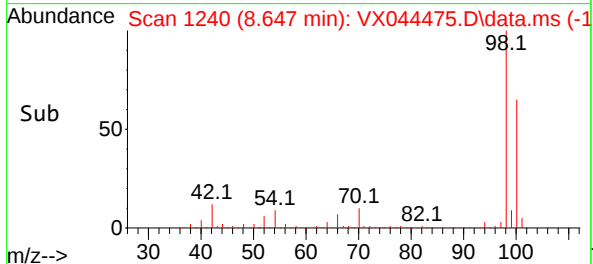
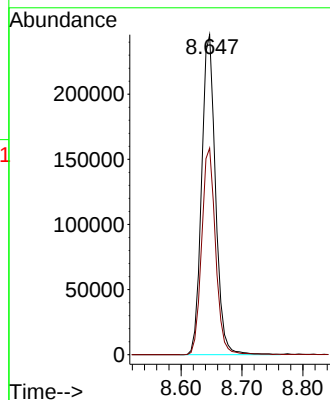
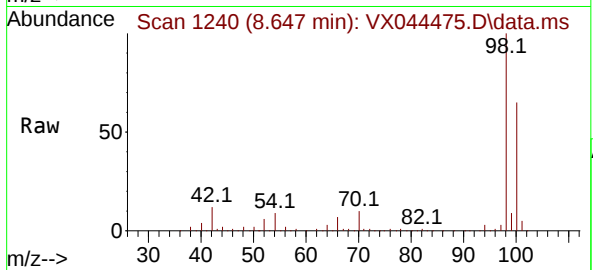




#50
Toluene-d8
Concen: 62.210 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

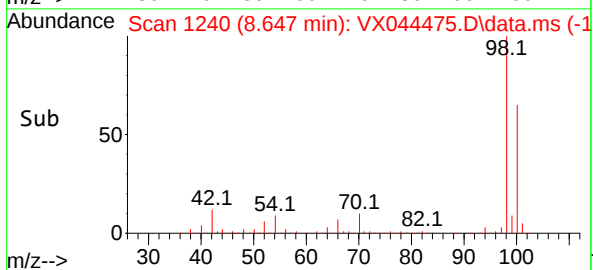
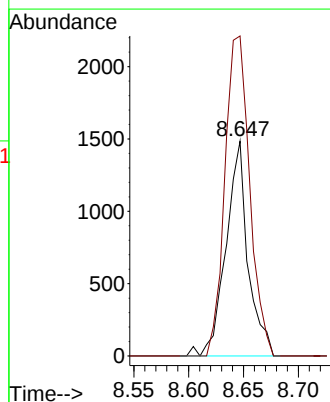
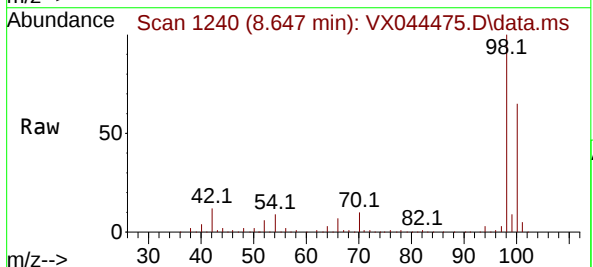
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20241217

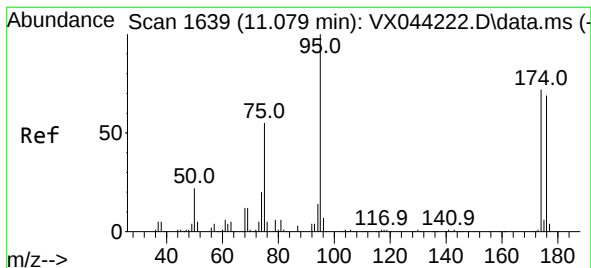
Tgt Ion: 98 Resp: 389462
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.697 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

Tgt Ion: 43 Resp: 2077
Ion Ratio Lower Upper
43 100
58 167.5 29.4 44.0#





#62

4-Bromofluorobenzene

Concen: 57.114 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044475.D

Acq: 23 Dec 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D2-20241217

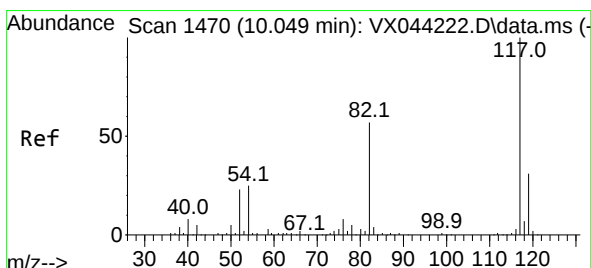
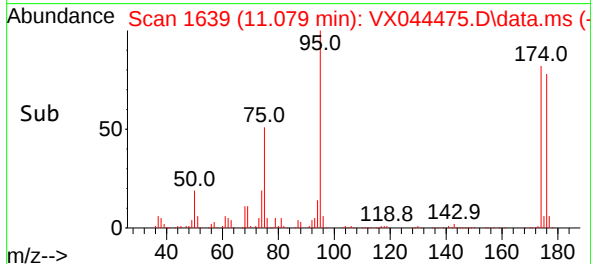
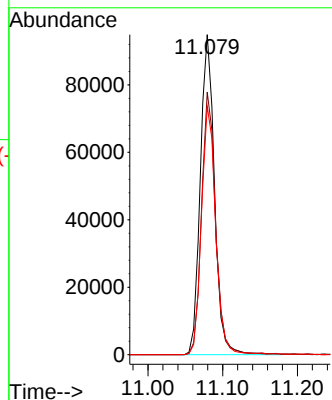
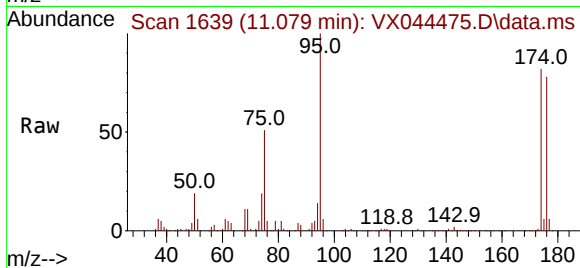
Tgt Ion: 95 Resp: 124939

Ion Ratio Lower Upper

95 100

174 80.8 0.0 145.8

176 78.2 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044475.D

Acq: 23 Dec 2024 13:21

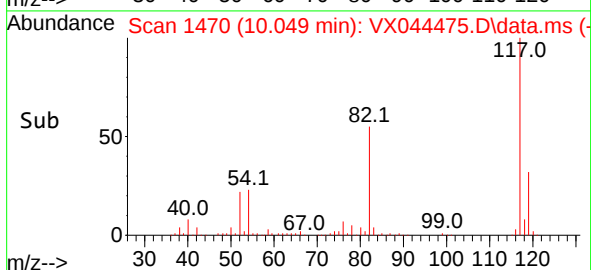
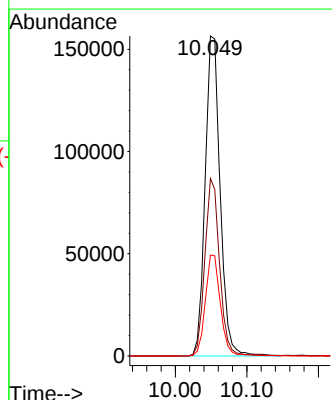
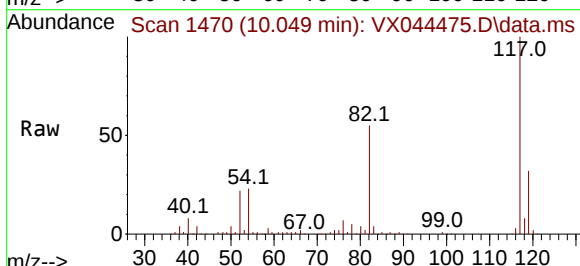
Tgt Ion: 117 Resp: 228380

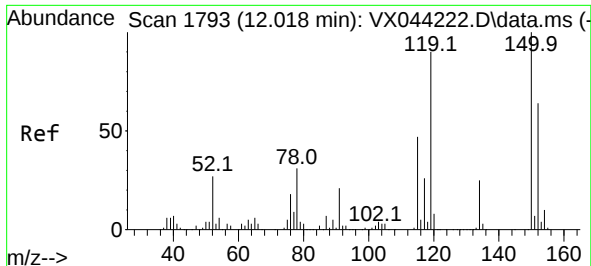
Ion Ratio Lower Upper

117 100

82 55.4 45.8 68.8

119 31.6 25.0 37.4

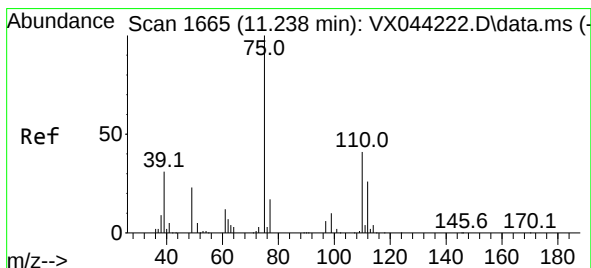
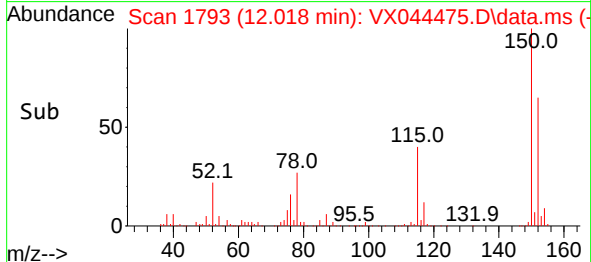
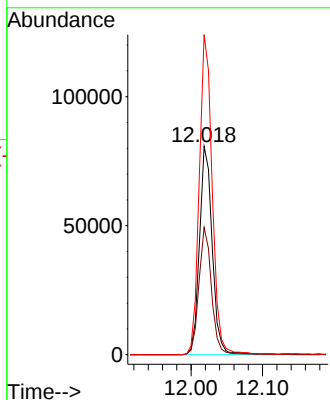
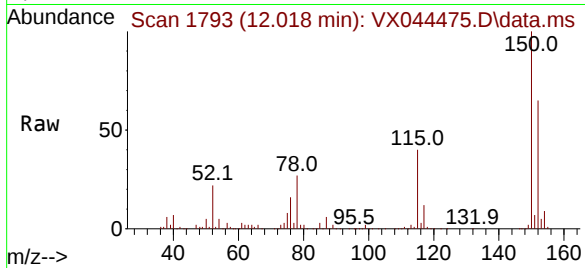




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

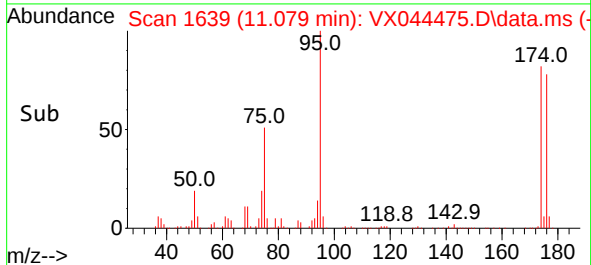
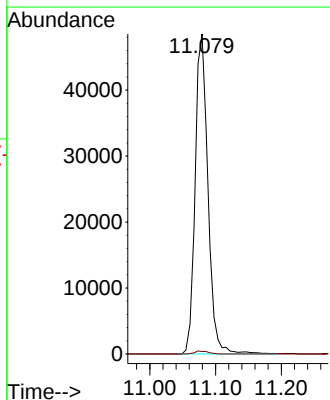
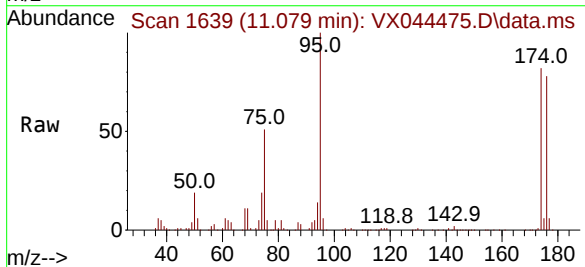
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20241217

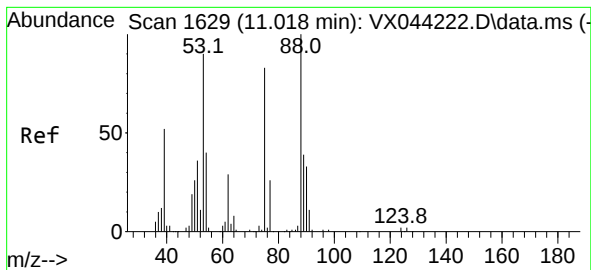
Tgt Ion:152 Resp: 100385
Ion Ratio Lower Upper
152 100
115 60.3 44.5 133.3
150 155.4 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 29.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

Tgt Ion: 75 Resp: 65628
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.121 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX044475.D
Acq: 23 Dec 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20241217

Tgt Ion: 75 Resp: 65628
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

